

### Abstract of the Disclosure

An embroidery machine can simultaneously embroider sewing objects having various shapes, including a flat object, an object having a shape of a usual processed cloth, an object  
5 having a shape of a cap, etc. The embroidery machine comprises a plurality of sewing heads grouped into at least two working groups, and the embroidering frames, each of which is arranged for one of the working groups. The embroidering frames have structures either identical to each other or different from each other. Therefore, one conventional embroidery machine can simultaneously embroider more than one kind of sewing objects, including at least two of a flat  
10 sewing object, a tubular sewing object, and a cap-shaped sewing object.